

Solving Systems of Linear Inequalities Practice Worksheet A

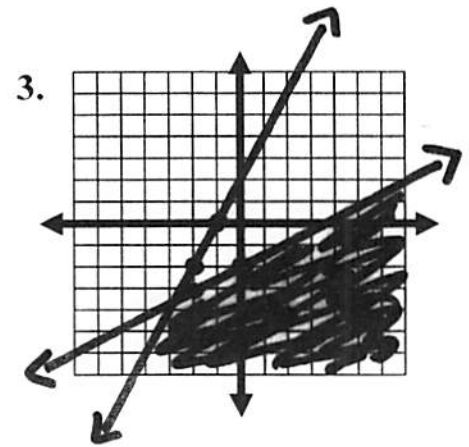
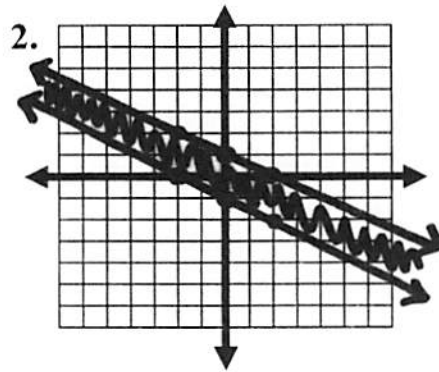
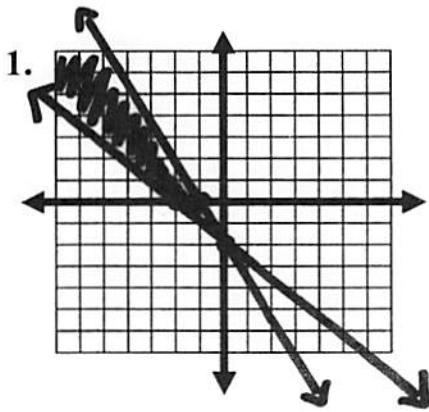
Name _____ Class Period _____

I. Match the system of linear inequalities with its graph.

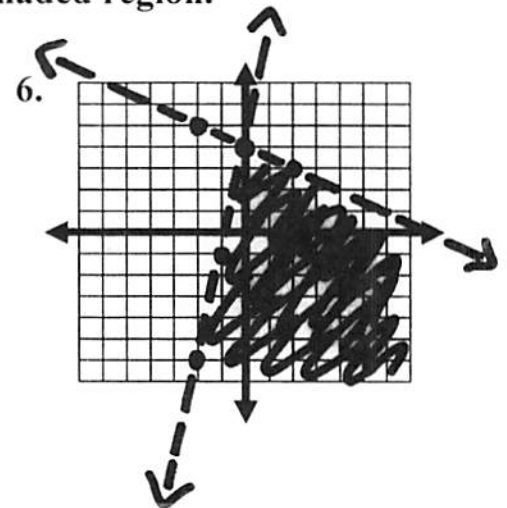
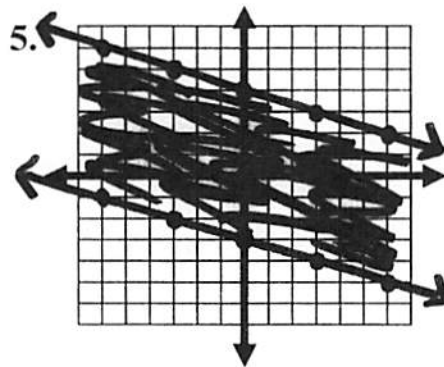
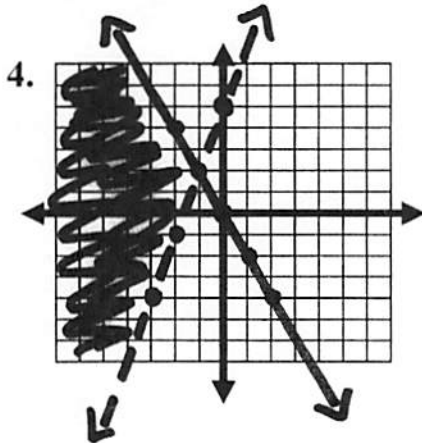
A. $x + 2y \leq 2$
 $x + 2y \geq -2$

B. $x - 2y \geq 4$
 $2x - y \geq -2$

C. $2x + 2y \geq -4$
 $-2x - y \geq 2$



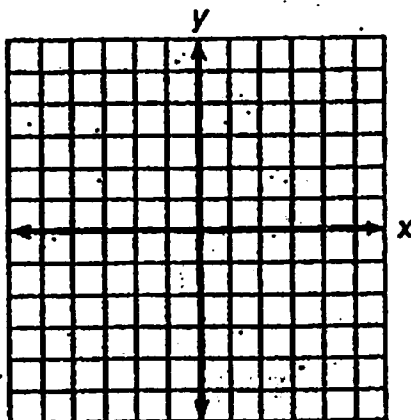
II. Write a system of linear inequalities that defines the shaded region.



III. Graph the system of linear inequalities.

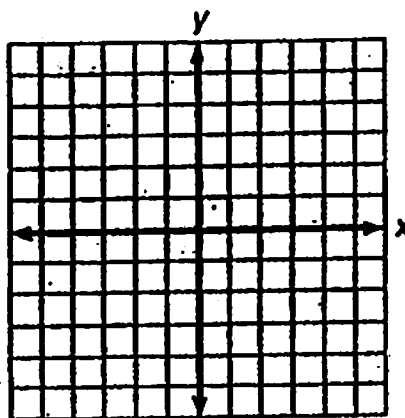
7. $3x - y \geq 2$

$x + y < 3$



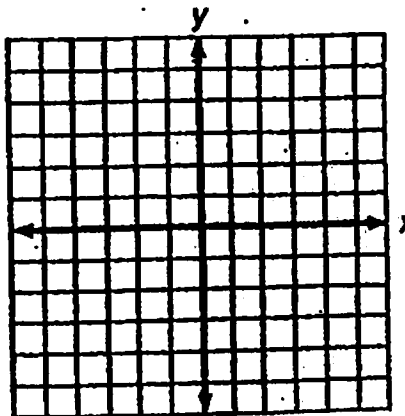
8. $2x + y \leq 4$

$-3x + y < 3$



9. $4x + 2y \geq -6$

$y < 3$



10. $2x + 3y > -9$

$y \leq 5$

